

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	samp\$3 with amplif\$5 with quadrature near1 clock\$1 and equaliz\$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 12:45
S2	0	("6674772").URPN.	USPAT	AND	ON	2007/03/12 12:25
S3	0	("6674772").URPN.	USPAT	AND	ON	2007/03/12 12:25
S4	0	("6674772").URPN.	USPAT	AND	ON	2007/03/12 12:25
S5	2	("5361254"   "6114915").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/12 12:25
S6	10	("4975931"   "5036216"   "5059924"   "5233316"   "5298867"   "5391996"   "5416446"   "5488627"   "5614869"   "5889436").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/12 12:26
S7	0	(375/233.ccls) and (samp\$3 with amplif\$5 with quadrature near1 clock\$1 and equaliz\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 12:51
S8	0	(375/233.ccls.) and (samp\$3 with amplif\$5 with quadrature near1 clock\$1 and equaliz\$5)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 12:51
S9	675	(375/233.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 08:42
S10	54	(375/233.ccls.) and (sampl\$3 with amplif\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 12:52
S12	0	("2006/0291552").URPN.	USPAT	AND	ON	2007/03/12 15:48
S13	675	(375/233.ccls.) ad@<"20041202"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/12 15:56

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S14	0	("2005/0135472").URPN.	USPAT	AND	ON	2007/03/12 17:06
S15	533	sampler and filter and summer and clock	USPAT	AND	ON	2007/03/12 17:07
S16	533	sampler and filter and summer and (clock or half adj baud with quadrature)	USPAT	AND	ON	2007/03/13 12:46
S17	6	S9 and S15	USPAT	AND	ON	2007/03/12 17:10
S18	10	("4004226"   "4344176"   "4669092"   "4964118"   "5309484"   "5471501"   "5581585"   "5675612"   "6240128"   "RE34206").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/12 17:29
S19	10	("6414990").URPN.	USPAT	AND	ON	2007/03/13 07:35
S20	263	sampl\$3 with predetermin\$2 adj data	USPAT	AND	ON	2007/03/13 13:28
S21	2764	(375/233.ccls.) or (375/229.ccls.) or (375/232.ccls.) or (375/147.ccls.) and samp\$3 with amplif\$5 with quadrature near1 clock\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 08:27
S22	3683	(375/233.ccls.) or (375/229.ccls.) or (375/232.ccls.) or (375/147.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 11:52
S23	498	(375/233.ccls.) and sampl\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 16:47
S24	194	(375/233.ccls.) and sampl\$3 and amplif\$4	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 08:43
S25	0	("7106099").URPN.	USPAT	AND	ON	2007/03/13 10:14
S26	6	("20040091028"   "20050180498"   "20060067440"   "5825701"   "6002713"   "6707850").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 11:23
S27	5809	sampl\$3 with signal with predetermin\$2 with data	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 11:24
S28	1049814	(filter or multi-tap-filter or 4-tap adj DFE)	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 11:27

## EAST Search History

S29	3212	S27 and S28	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 11:43
S30	2354	summer with samp1\$3	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 11:28
S31	1902	S28 and S30	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 13:15
S32	109045	clock\$1 with frequenc\$3	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 11:31
S33	55	S29 and S31	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 11:31
S34	19	S32 and S33	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 16:06
S35	6169	(375/348.ccls.) or (375/355.ccls.) or (375/350.ccls.) or (375/233.ccls.) or (375/229.ccls.) or (375/232.ccls.) or (375/147.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 13:29
S36	1508	(375/348.ccls.) or (375/355.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 11:55
S37	3	samp\$3 with amplif\$5 with quadrature near1 clock\$1 and equaliz\$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 12:46
S38	3	samp1\$3 with amplif\$5 with quadrature near1 clock\$1 and equaliz\$5	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 12:46
S39	535	sampler and filter and summer and (clock or half adj baud with quadrature)	USPAT	AND	ON	2007/03/13 12:47
S40	52	S35 and S39	USPAT	AND	ON	2007/03/13 12:47
S41	12	(375/348.ccls.) and S28 and S30	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 13:16

## EAST Search History

S42	5881	S20 and (375/348.ccls.) or (375/355.ccls.) or (375/350.ccls.) or (375/233.ccls.) or (375/229.ccls.) or (375/232.ccls.) or (375/147.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 13:30
S43	5885	S27 and (375/348.ccls.) or (375/355.ccls.) or (375/350.ccls.) or (375/233.ccls.) or (375/229.ccls.) or (375/232.ccls.) or (375/147.ccls.)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 13:38
S44	25	"5882998"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:35
S45	16	"5471504"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 14:35
S46	1902	S28 and S30	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 16:22
S47	0	("2006/0291552").URPN.	USPAT	AND	ON	2007/03/13 16:09
S48	2	"6697423"	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 16:22
S49	0	("7177352").URPN.	USPAT	AND	ON	2007/03/13 16:26
S50	17	("20040234002"   "3792356"   "4170758"   "4283788"   "4789994"   "5396519"   "5539774"   "5748674"   "6167082"   "6192072"   "6307884"   "6337878"   "6363112"   "6426972"   "6668014"   "6697423"   "6850563").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 16:26
S51	1	("6697423").URPN.	USPAT	AND	ON	2007/03/13 16:33
S52	17	("20040234002"   "3792356"   "4170758"   "4283788"   "4789994"   "5396519"   "5539774"   "5748674"   "6167082"   "6192072"   "6307884"   "6337878"   "6363112"   "6426972"   "6668014"   "6697423"   "6850563").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/13 16:34

## EAST Search History

S53	259	(375/233.ccls.) and feedback adj filter	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/13 16:48
S54	2	"20050180498"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/15 14:21
S55	2	"20050135471"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/15 14:23
S56	0	"200501180498"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/15 14:23
S57	2	"20050180498"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/15 14:24
S58	7294	disabl\$3 with amplifier	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/15 15:06
S59	2	(375/233.ccls.) and disabl\$3 with amplifier	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/15 14:57
S60	1	("2006/0067440").URPN.	USPAT	OR	OFF	2007/03/15 14:58
S61	6	("20040091028"   "20050180498"   "20060067440"   "5825701"   "6002713"   "6707850").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/15 14:58
S62	1	("2006/0067440").URPN.	USPAT	OR	OFF	2007/03/15 14:58
S63	0	("7106099").URPN.	USPAT	OR	OFF	2007/03/15 14:58
S64	0	("7106099").URPN.	USPAT	OR	OFF	2007/03/15 14:58

## EAST Search History

S65	6	("20040091028"   "20050180498"   "20060067440"   "5825701"   "6002713"   "6707850").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/15 15:00
S66	4	disabl\$3 with amplifier with filter with coefficient\$1	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/15 15:08
S69	2	(375/348.ccls.) and (disabl\$3 with amplif\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 11:03
S70	16	("6157688").URPN.	USPAT	OR	OFF	2007/03/26 10:54
S71	29	(disabl\$3 with amplif\$3)and (equalizer with tap\$1)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 11:20
S72	17	(disabl\$3 with amplif\$3)and (tap adj coefficient\$1 with filter)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 11:40
S73	1	(disabl\$3 with amplif\$3)and (tap adj coefficient\$1 with filter)and (generat\$3 with repeat\$3 adj pattern)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 11:34
S75	58	(disabl\$3 with amplif\$3)and(generat\$3 with repeat\$3 near\$1 pattern)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 12:03
S79	26	(375/348.ccls.)and(tap adj coefficient\$1 with filter)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 11:54

## EAST Search History

S87	1	(sensitivity adj test with process)and equalizer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 11:56
S88	1	(sensitivity adj test with process) and (tap adj coefficient\$1 with filter)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 11:57
S90	0	(375/348.ccls.) and sampler with (tap adj cooeficents)with filter	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 12:05
S91	0	(375/348.ccls.) and sampler with (tap adj cooeficents)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 12:06
S92	50	(375/348.ccls.) and sampler	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 12:06
S93	1484	375/233	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/27 16:00
S94	5	375/233 and (test adj process)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/27 16:01

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	disabl\$3 with amplifier	USPAT	OR	OFF	2007/03/28 15:45
S2	0	375/233 and disabl\$3 with amplifier	USPAT	OR	OFF	2007/03/28 11:40
S3	0	disabl\$3 with amplifier same predetermned with tap adj coefficient\$1	USPAT	OR	OFF	2007/03/28 11:42
S4	0	disabl\$3 with amplifier same tap adj coefficient\$1	USPAT	OR	OFF	2007/03/28 11:42
S5	1	disabl\$3 with amplifier and filter	USPAT	OR	OFF	2007/03/28 11:43
S6	1071936	disabl\$3 with amplifier near\$6 tap adj coefficient\$1	USPAT	OR	OFF	2007/03/28 11:46
S7	659	375/233 and S6	USPAT	OR	OFF	2007/03/28 12:22
S8	1	375/233 and S6 and speed adj sensitivity	USPAT	OR	OFF	2007/03/28 12:24
S9	1	375/233 and speed adj sensitivity	USPAT	OR	OFF	2007/03/28 12:25
S10	0	disabl\$3 with amplifier and equalizer	USPAT	OR	OFF	2007/03/28 12:25
S11	0	disabl\$3 with amplifier with filter	USPAT	OR	OFF	2007/03/28 12:26
S12	0	disabl\$3 with amplifier and sampl\$3 with repeat\$3 adj pattern	USPAT	OR	OFF	2007/03/28 12:40
S13	1	disabl\$3 with amplifier and sampl\$3	USPAT	OR	OFF	2007/03/28 12:40
S14	0	disabl\$3 with amplifier and tap adj coefficient	USPAT	OR	OFF	2007/03/28 12:42
S15	0	disabl\$3 with amplifier and tap with coefficient	USPAT	OR	OFF	2007/03/28 12:42
S16	0	375/233 and disabl\$3 with amplifier	USPAT	OR	OFF	2007/03/28 12:43
S17	2	sensitivity adj test and equalizer	USPAT	OR	OFF	2007/03/28 12:44
S18	0	sensitivity adj test with process and equalizer	USPAT	OR	OFF	2007/03/28 12:45
S19	32	sensitivity adj test with process	USPAT	OR	OFF	2007/03/28 12:57
S20	0	375/233 and S19	USPAT	OR	OFF	2007/03/28 12:46
S21	0	predetermind\$2 with tap with coefficient\$1	USPAT	OR	OFF	2007/03/28 12:47
S22	1839	tap adj coefficient\$1	USPAT	OR	OFF	2007/03/28 12:49
S23	559975	tap adj coefficient\$1and filter	USPAT	OR	OFF	2007/03/28 12:49
S24	0	sampler with repeated adj pattern	USPAT	OR	OFF	2007/03/28 12:50
S25	178	sampler with pattern	USPAT	OR	OFF	2007/03/28 12:50
S26	0	(375/233.ccls.) and sensitivity adj test with process	USPAT	OR	OFF	2007/03/28 12:58
S27	0	(375/233.ccls.) and tap adj coefficents	USPAT	OR	OFF	2007/03/28 12:58

## EAST Search History

S28	0	(375/233.ccls.) and filter with tap adj coefficents	USPAT	OR	OFF	2007/03/28 12:59
S29	466	(375/233.ccls.)	USPAT	OR	OFF	2007/03/28 13:00
S30	0	(375/233.ccls.)and amplifier	USPAT	OR	OFF	2007/03/28 13:00
S31	18	amplifier and sampler and filter	USPAT	OR	OFF	2007/03/28 15:29
S32	0	equalizer with (sensitive adj test with filter)and (sampler with repeat adj pattern)	USPAT	OR	OFF	2007/03/28 15:31
S33	0	equalizer same (sensitive adj test with filter)and (sampler with repeat adj pattern)	USPAT	OR	OFF	2007/03/28 15:44
S34	5	eqaulizer	USPAT	OR	OFF	2007/03/28 15:32
S35	11	("4145747").URPN.	USPAT	OR	OFF	2007/03/28 15:33
S36	0	equalizer same (sensitive adj test with filter)and (sampler with repeat adj pattern)and disable\$3 with amplifier	USPAT	OR	OFF	2007/03/28 15:46